

Figure 1 is a schematic diagram of a spinal cord cross-section showing a catheter system for drug delivery. The diagram includes labels for various anatomical structures and components: L₁, L₂, L₃, L₄, L₅ (lumbar vertebrae); S₁, S₂, S₃, S₄, S₅ (sacral vertebrae); Co₁ (coccyx); 10 (catheter body); 12 (catheter tip); 13 (catheter connector); 14 (catheter port); 15 (lumbar nerve root); 16 (sacral nerve root); 19 (catheter tip); 20, 21, 22, 23 (catheter segments); and 26 (catheter connector).

FIG. 1

2 / 19

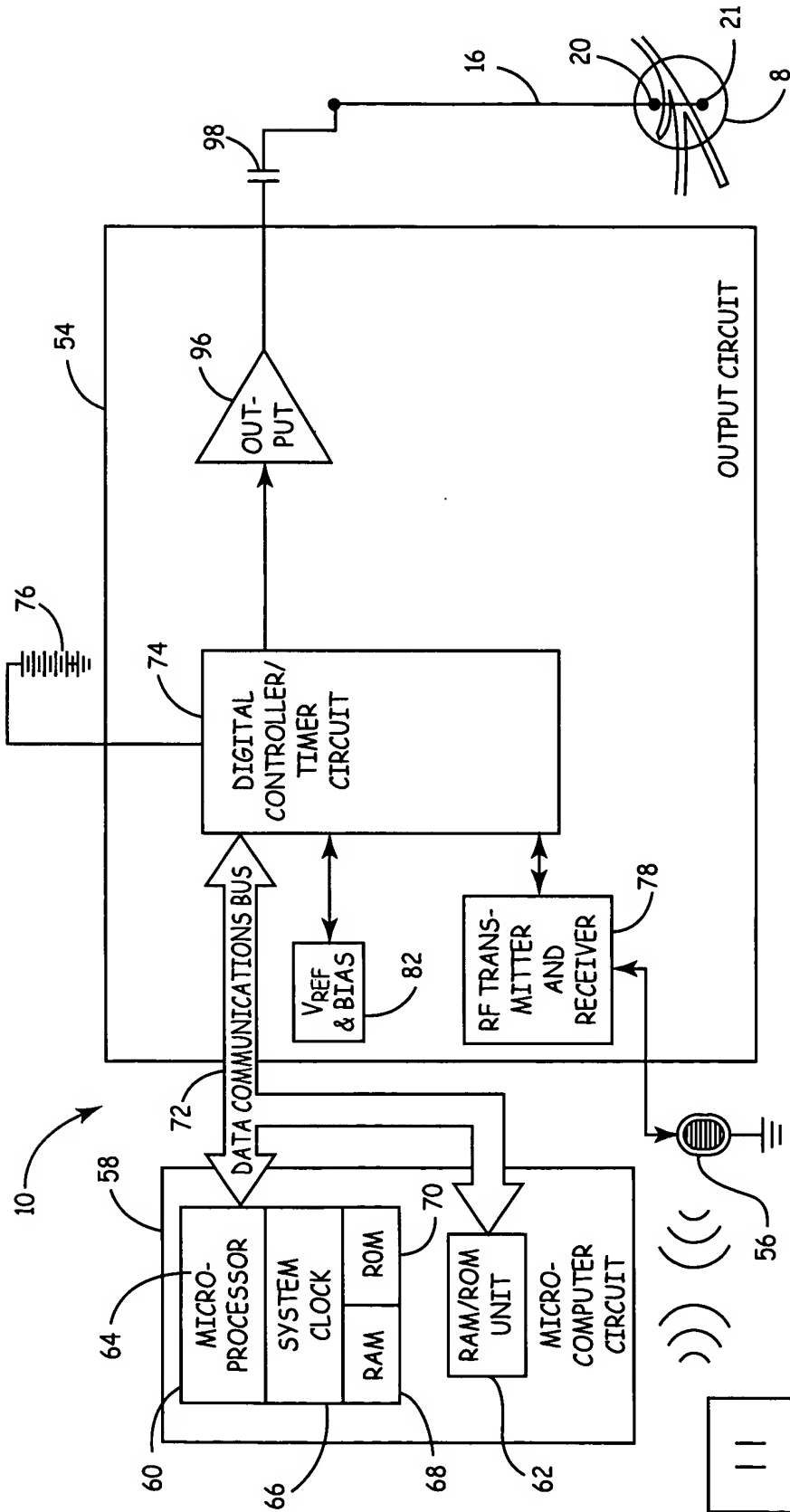


FIG. 2A

3/19

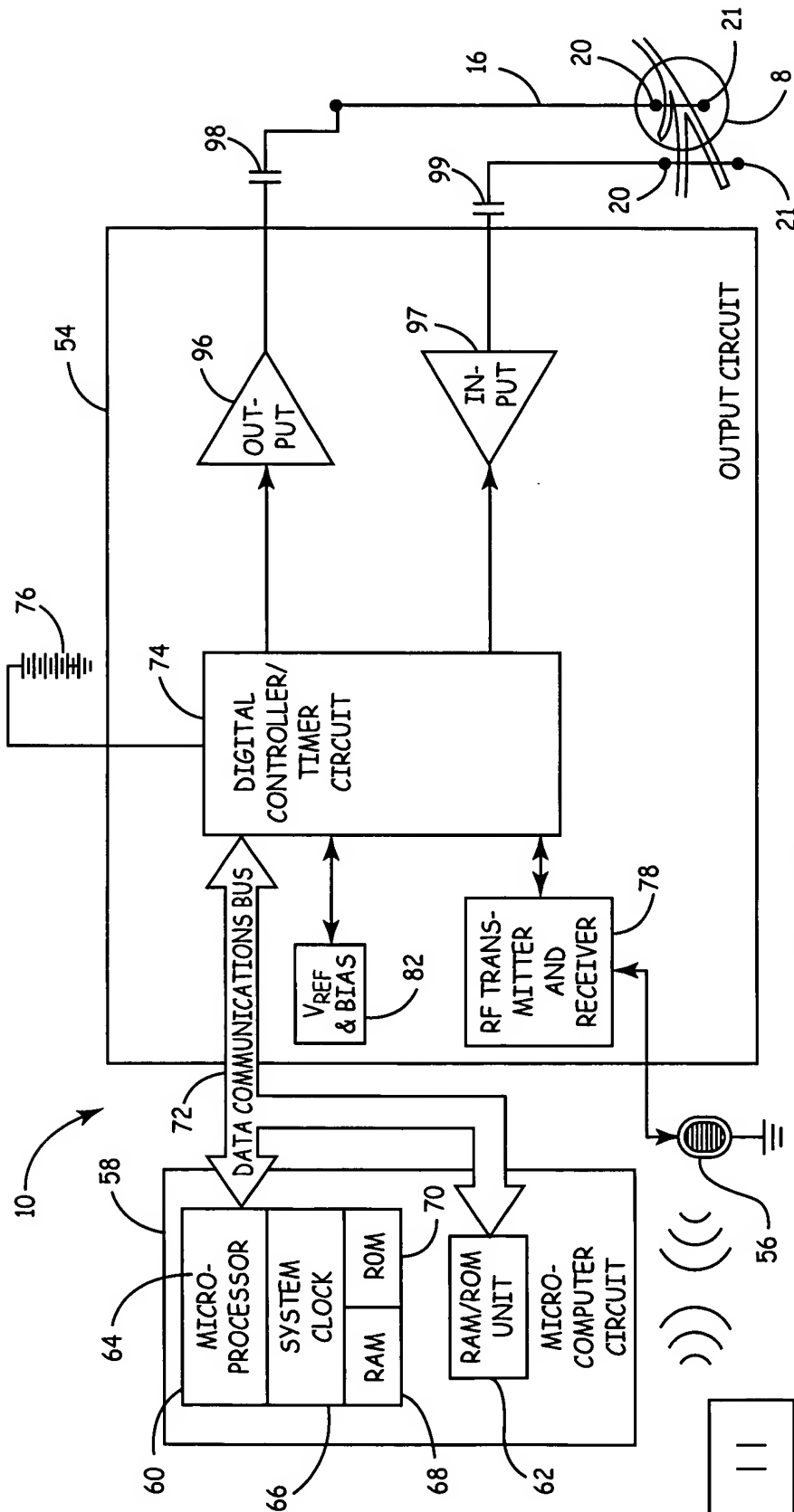
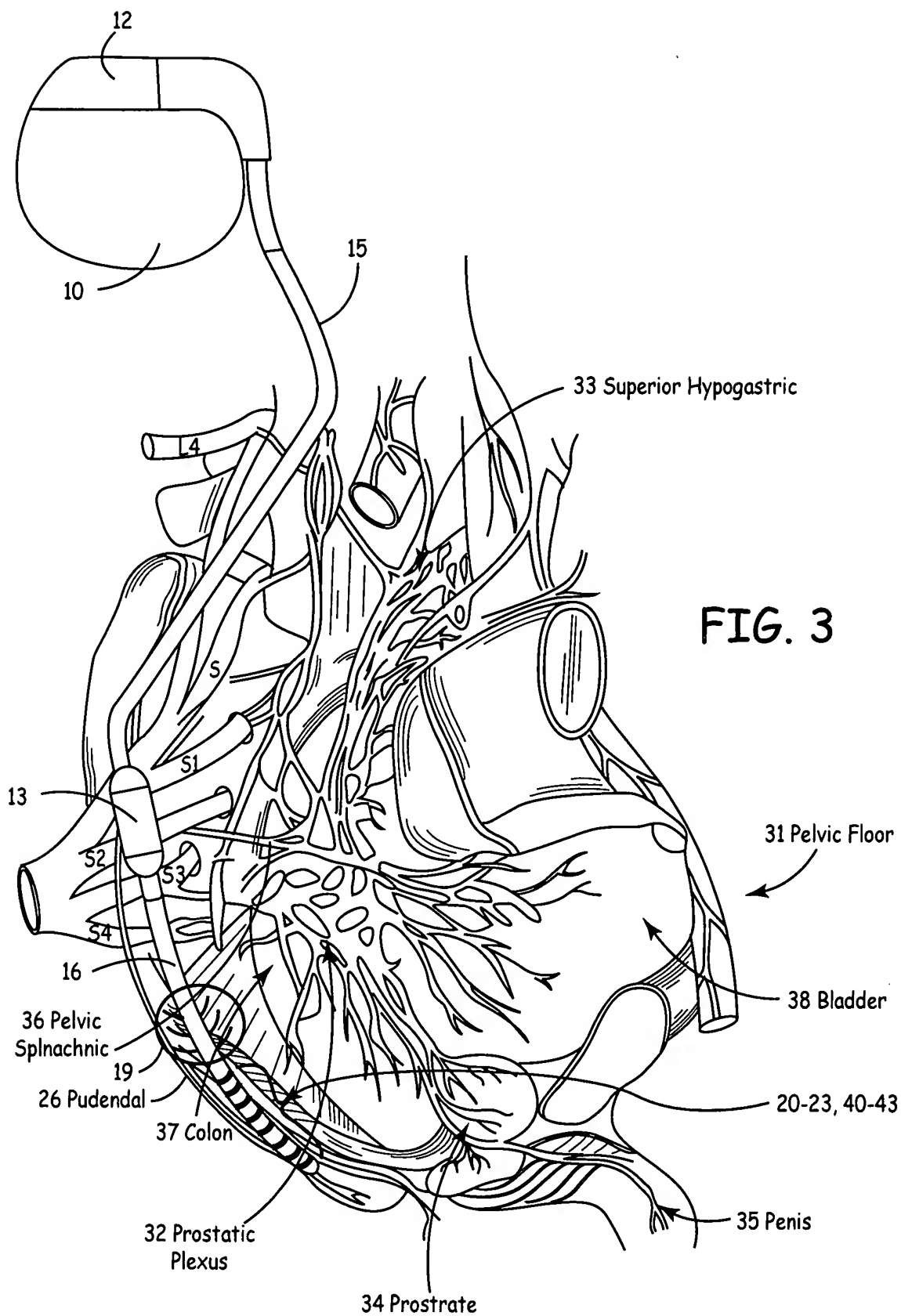
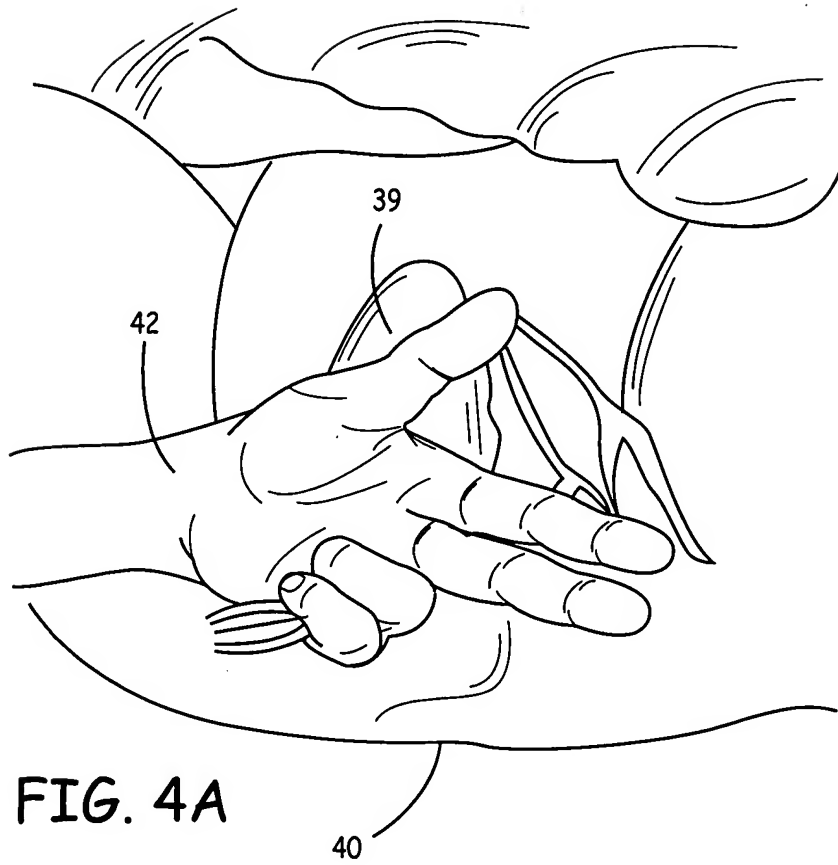


FIG. 2B

4 / 19





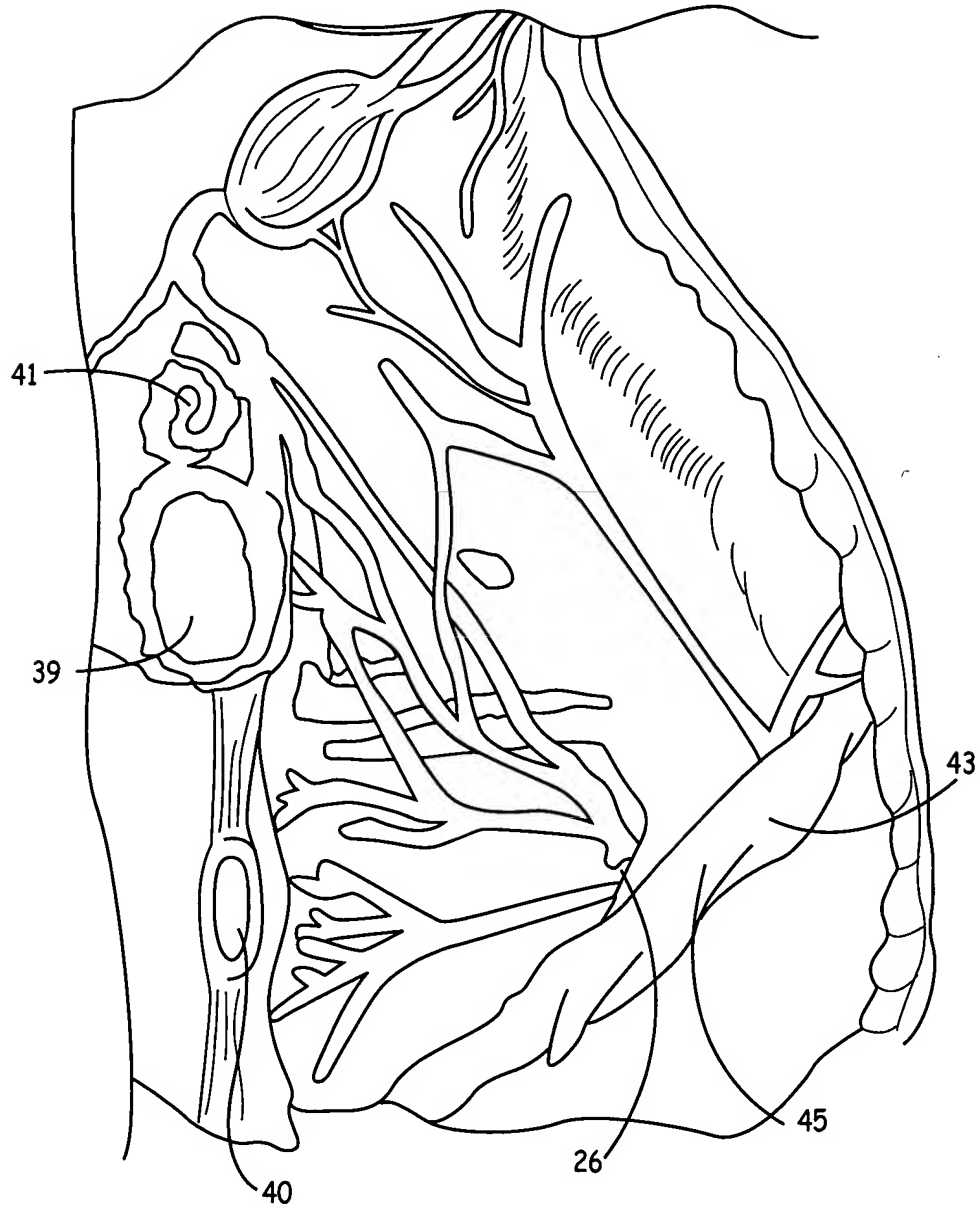


FIG. 4B

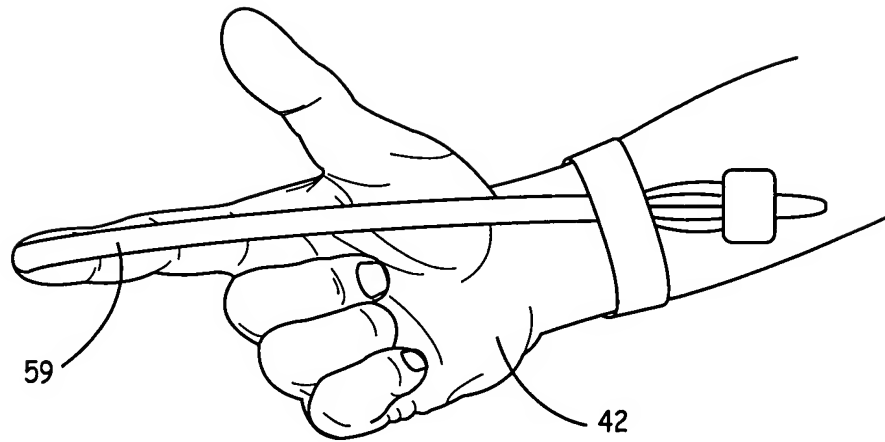


FIG. 4C

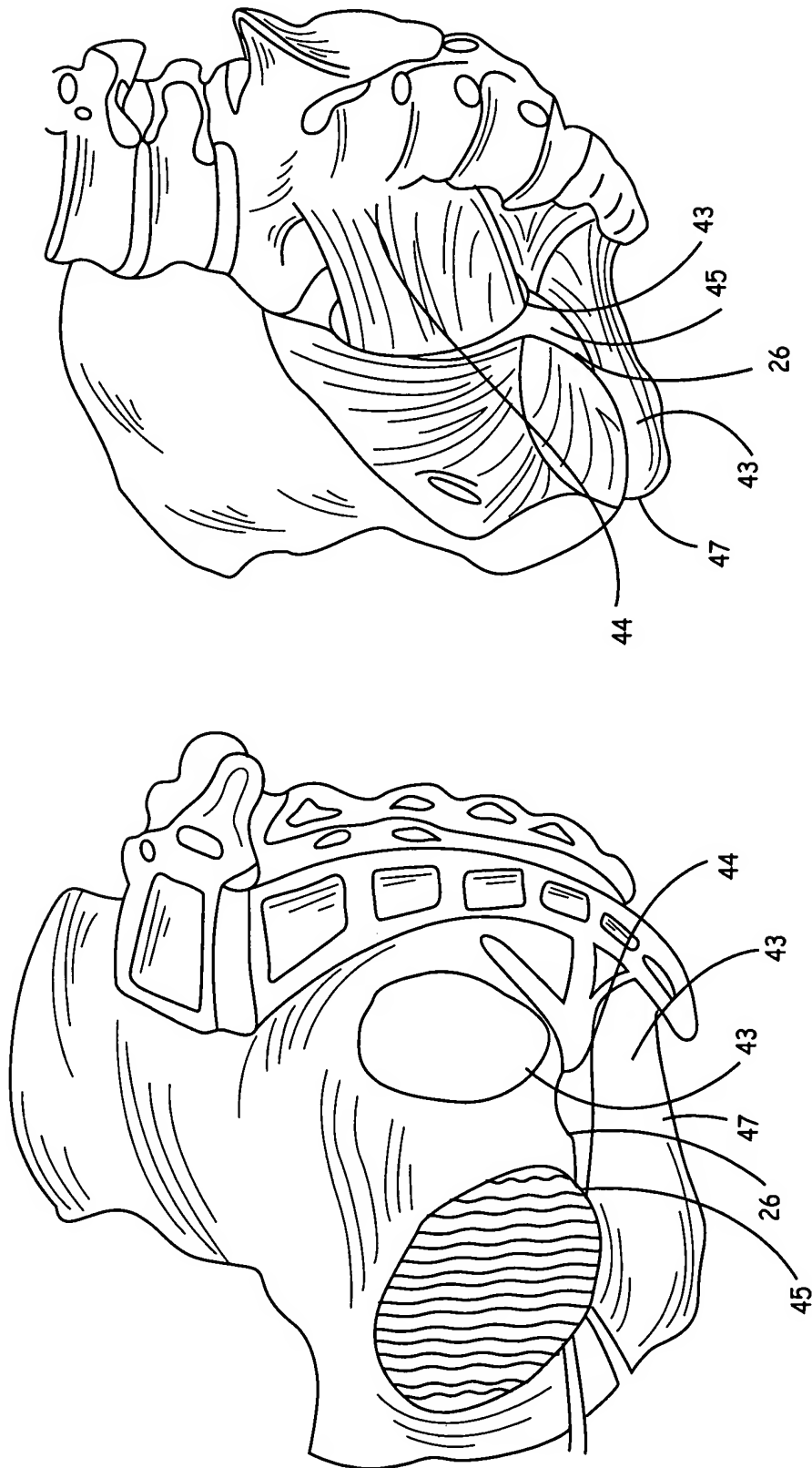
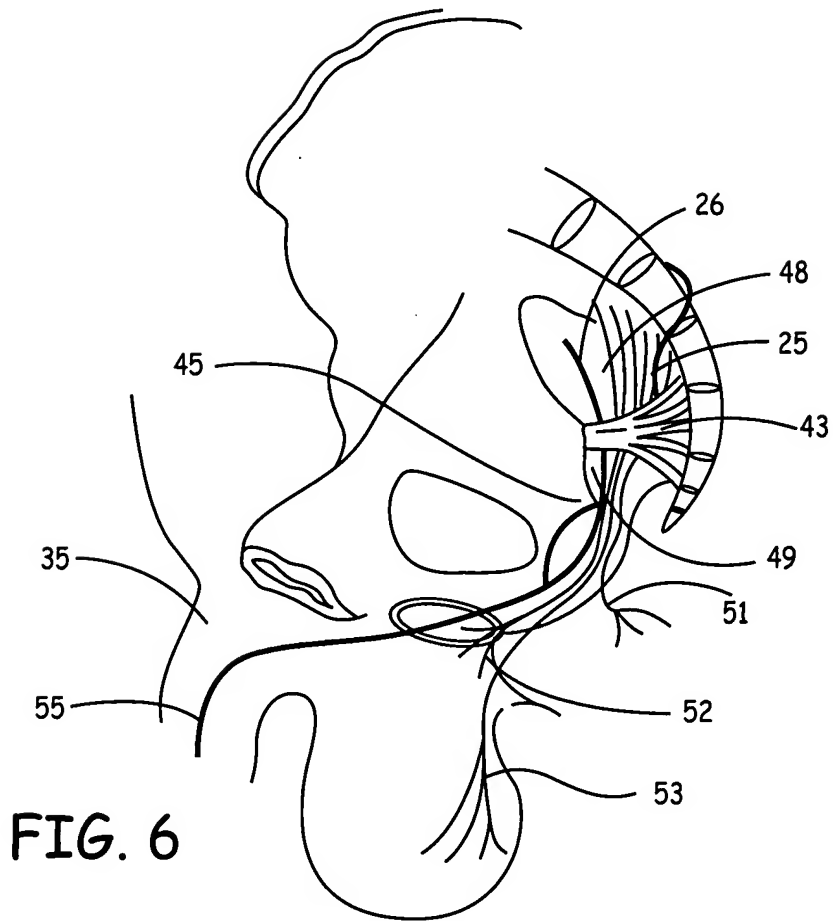


FIG. 5





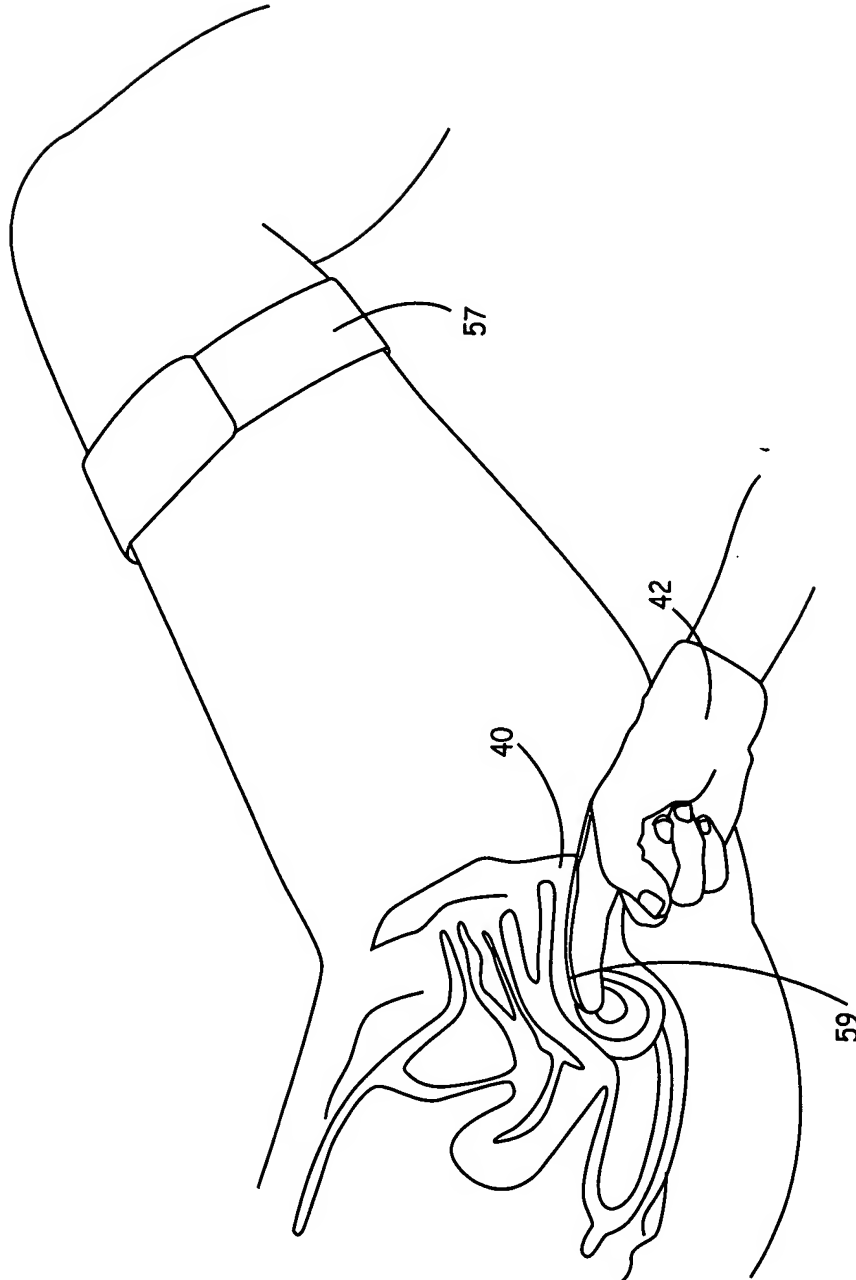


FIG. 8

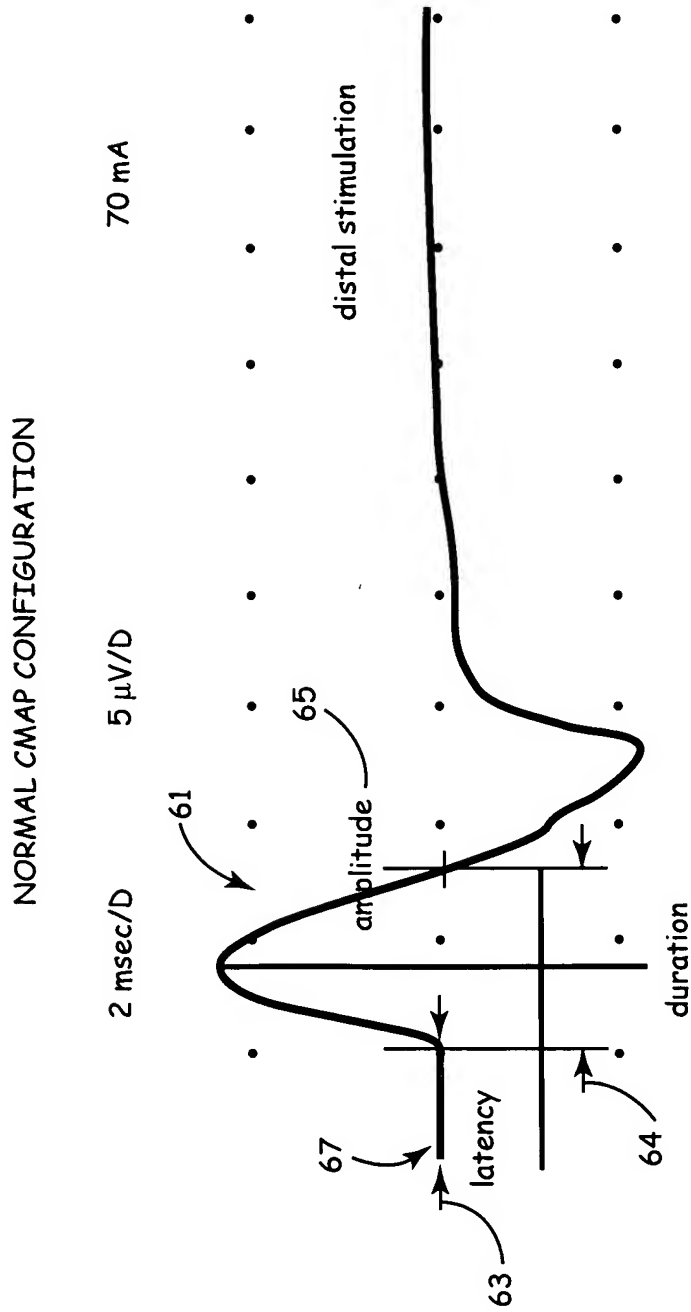


FIG. 9

13/19

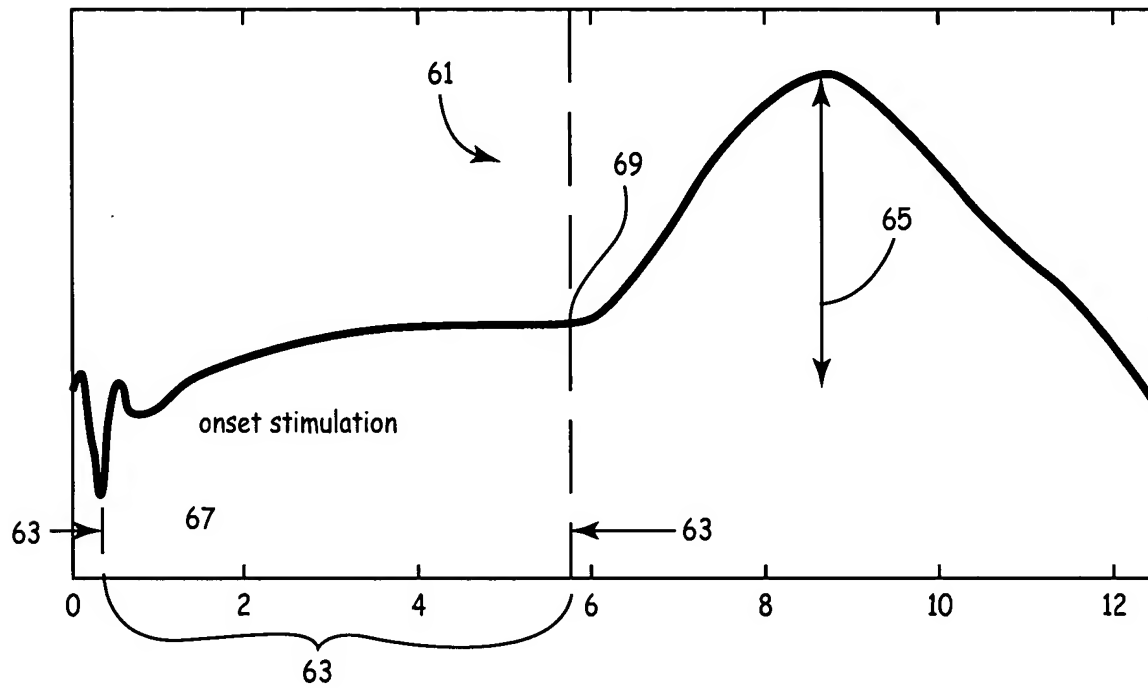


FIG. 10A

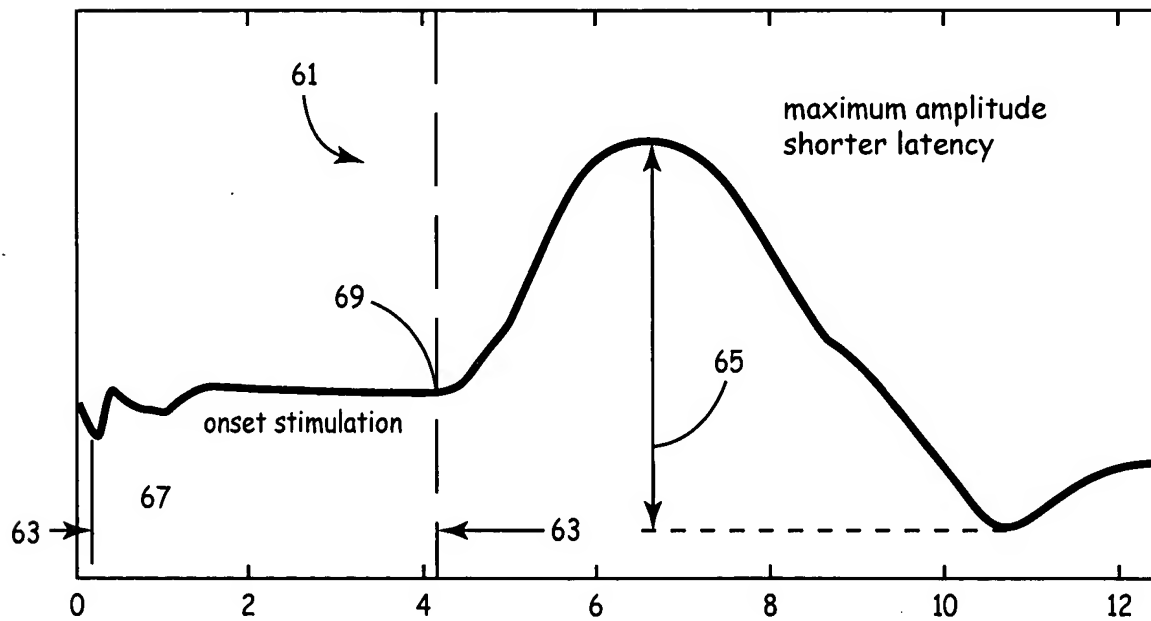


FIG. 10B

14/19

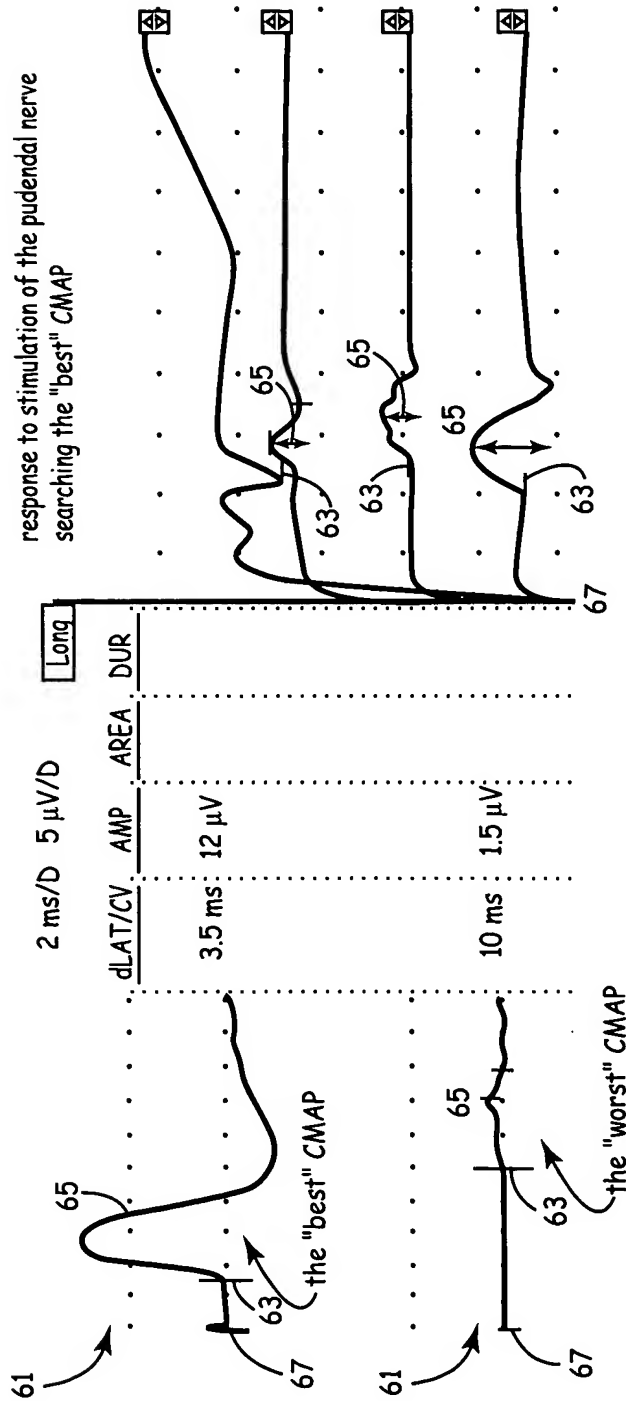
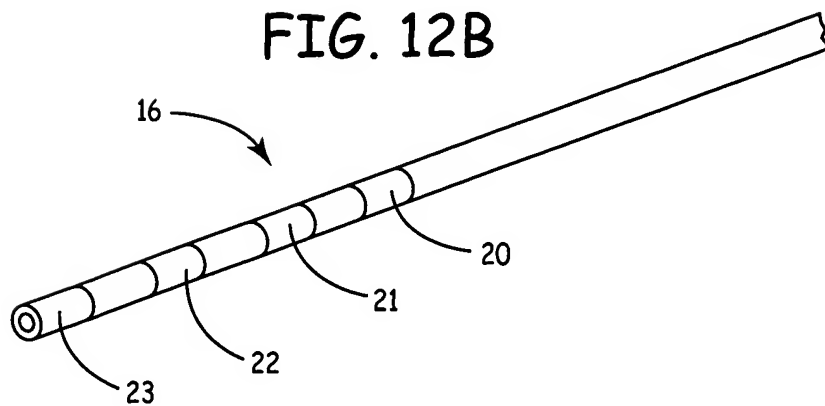
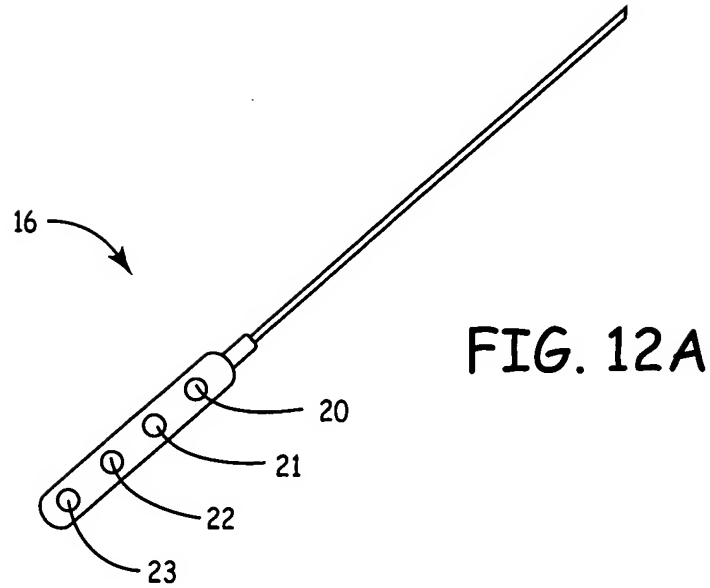
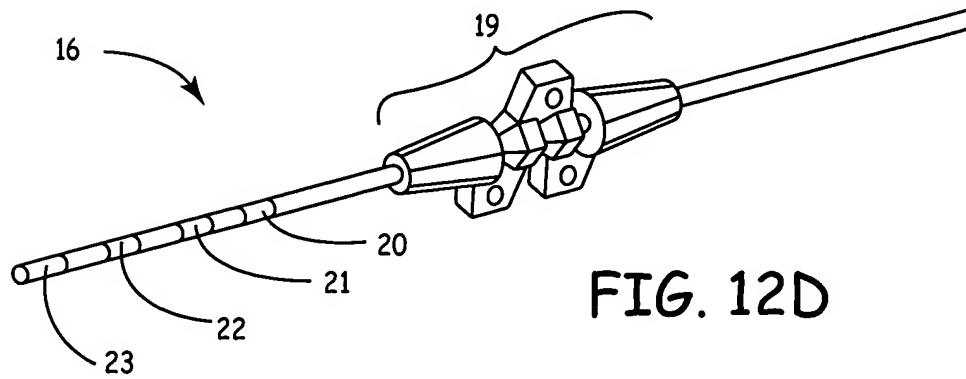
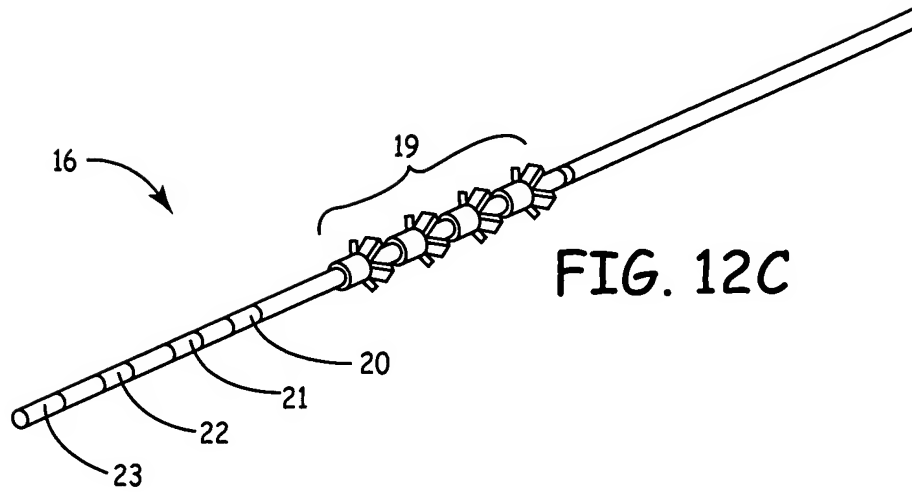


FIG. 11





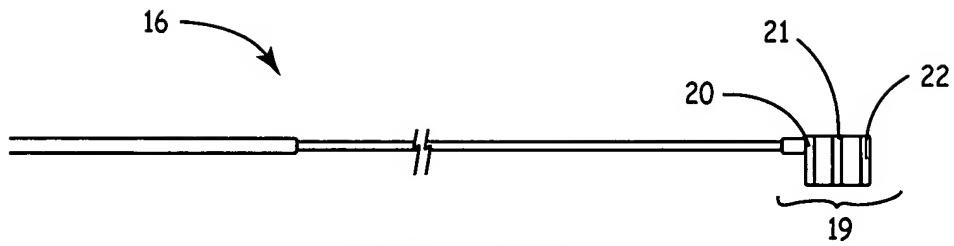


FIG. 12E

18/19

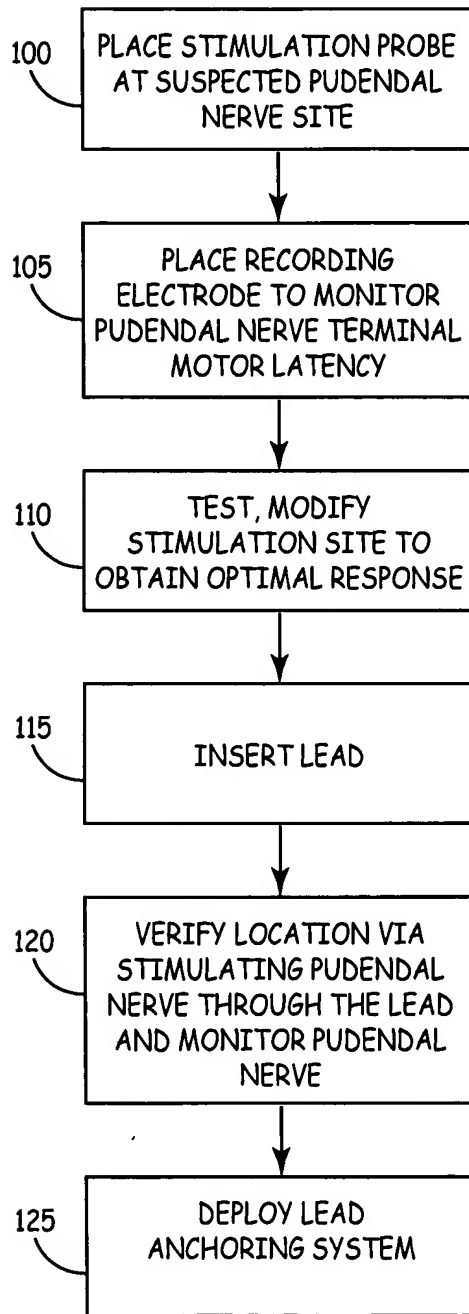


FIG. 13A

19/19

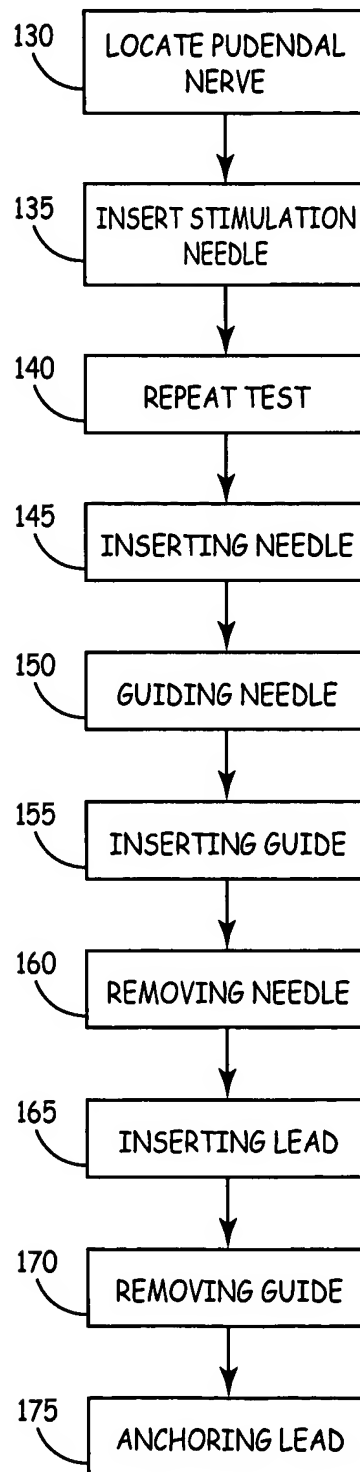


FIG. 13B